LXVII. *An Account of the extraordinary Heat of the Weather in* July 1757, *and of the Effects of it. In a Letter from* John Huxham, *M. D. F. R. S. to* Wm. Watſon, *M. D. F. R. S.*

Read Feb. 2, 1758.

I Find by your letter, that the heat at London was not ſo great in the beginning of July 1757, as at Plymouth by two or three degrees of Fahrenheit's thermometer. We had again, after much rain at the cloſe of the month, and in the beginning of Auguſt, exceſſive heat; *viz.* on the 8th, 9th, and 10th of Auguſt; which mounted the mercury in that thermometer to 85; nay, on the 9th, to near 86. I never before remember the mercury in that thermometer to exceed 84; and that is even here a very extraordinary degree of heat.

The conſequences of this extremely hot ſeaſon were hæmorrhages from ſeveral parts of the body; the noſe eſpecially in men and children, and the uterus in women. Sudden and violent pains of the head, and vertigo, profuſe ſweats, great debility and oppreſſion of the ſpirits, affected many. There were putrid fevers in great abundance; and a vaſt quantity of fluxes of the belly both bilious and bloody, with which the fevers alſo were commonly attended. Theſe fevers were always uſhered in by ſevere pains of the head, back, and ſtomach; vomitings of green and ſometimes of black bile, with vaſt oppreſſion of the *præcordia*, continual anxiety, and

want of ſleep. Theſe were ſoon ſucceeded by *tremores tendinum, ſubſultus*, delirium, or ſtupor. The pulſe was commonly very quick, but ſeldom tenſe or ſtrong; was ſometimes heavy and undoſe. The blood oftentimes florid, but looſe; ſometimes livid, very rarely ſizy: in ſome however, at the very attack, it was pretty denſe and florid. The tongue was generally foul, brown, and ſometimes blackiſh; and towards the criſis often dry. The urine was commonly high coloured, and in ſmall quantity; frequently turbid, and towards the end depoſed a great deal of lateritious ſediment. A vaſt number were ſeized with this fever, during, and ſoon after, the exceſſive heats; tho' but few died in proportion. Long and great heats always very much exalt the acrimony of the bilious humours; of which we had this ſummer abundant inſtances.

Bleeding early was generally beneficial; profuſe, always hurtful, eſpecially near the ſtate of the fever.

LXVIII. *An Account of the foſſile Thigh-bone of a large Animal, dug up at* Stonesfield, *near* Woodſtock, *in* Oxfordſhire. *In a Letter to Mr.* Peter Collinſon, *F. R. S. from Mr.* Joſhua Platt.

Dear Sir,

Read Feb. 2. 1758. ABOUT three years ago I ſent you ſome *vertebræ* of an enormous ſize, which were found in the ſlate-ſtone pit at Stonesfield, near Woodſtock, in this county.

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